

CLAIMS

The invention claimed is:

5 1. A method for correcting text input into a text document, comprising the steps of:

receiving a text selection input into the text document, the text selection comprising one or more text components;

identifying an erroneous text component from said one or more text components;

selecting the erroneous text component for editing;

10 receiving a command to display a list of alternatives to the erroneous text component;

displaying the list of alternatives via a user interface opened directly into the text document;

15 receiving an edit to the erroneous text component directly into the erroneous text component in the text document, the edit comprising a partial entry of a desired alternative to the erroneous text component;

filtering the list of alternatives in response to the edit to remove alternatives not associated with the partial entry;

20 in response to filtering the list of alternatives, displaying a revised list of alternatives containing alternatives associated with the partial entry;

selecting an alternative to the erroneous text component from the revised list;

replacing, directly into the text document, the erroneous text component with the selected alternative; and

closing the user interface.

5 2. The method of Claim 1, further comprising the steps of:
if, in response to filtering the list of alternatives no acceptable alternative to
the erroneous text component is identified, receiving additional edits to the
erroneous text component directly into the erroneous text component in the text
5 document to further filter the list of alternatives in response to the additional edits;
if no acceptable alternative to the erroneous text component is identified in
response to further filtering of the list of alternatives in response to the additional
edits, replacing, directly into the text document, the erroneous text component with
the entry comprised of the edit and the additional edits; and
10 closing the user interface.

15 3. The method of Claim 1, further comprising the steps of:
identifying a matching completed alternative text component within the
revised list of alternatives containing alternatives associated with the partial entry;
displaying the matching completed alternative text component directly into
the text document as a suggested completion for the partial entry;
receiving an acceptance command in association with the suggested
completion;
20 in response to the acceptance command, replacing, directly into the text
document, the erroneous text component with the matching completed alternative
text component; and
closing the user interface.

25 4. The method of Claim 1 wherein the step of receiving an edit to the
erroneous text component includes typing a first character of the selected
alternative directly into the text document at the location of the erroneous text
component.

30 5. The method of Claim 1, whereby the step of receiving a text selection
input into the text document includes receiving the text selection from a stochastic
input source.

6. The method of Claim 5, whereby the stochastic input source comprises a speech recognition device.

5 7. The method of Claim 6 wherein the step of receiving an edit to the erroneous text component includes audibly spelling, via the speech recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

8. The method of Claim 5, whereby the stochastic input source comprises a hand writing recognition device.

9. The method of Claim 8, whereby the step of receiving an edit to the erroneous text component includes hand writing, via the hand writing recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

10. The method of Claim 5, whereby the stochastic input source comprises a vision-based recognition device for recognizing sign language or other gestures.

11. A computer-readable medium having computer-executable instructions, which when executed by a computer, perform the method of Claim 1.

12. A computer system operative to perform the method of Claim 1.

13. A method for correcting text input into a text document, comprising the steps of:

receiving a text selection input into the text document comprising one or more text components;

5 selecting an erroneous text component for editing;

displaying a list of alternatives to the erroneous text component via a user interface opened directly into the text document;

10 receiving an edit to the erroneous text component directly into the erroneous text component in the text document, the edit comprising a partial entry of a desired alternative to the erroneous text component;

filtering the list of alternatives in response to the edit to remove alternatives not associated with the partial entry;

in response to filtering the list of alternatives, displaying a revised list of alternatives containing alternatives associated with the partial entry;

15 if in response to filtering the list of alternatives no acceptable alternative to the erroneous text component is identified, receiving additional edits to the erroneous text component directly into the erroneous text component in the text document to further filter the list of alternatives in response to the additional edits;

20 after receiving each of the additional edits, displaying a further revised list of alternatives containing alternatives associated with an entry comprised of the edit and the additional edits;

25 if no acceptable alternative to the erroneous text component is identified in response to further filtering of the list of alternatives in response to the additional edits, replacing, directly into the text document, the erroneous text component with the entry comprised of the edit and the additional edits; and

closing the user interface.

14. The method of Claim 13 wherein the step of receiving an edit to the erroneous text component includes typing a first character of the selected
30 alternative directly into the text document at the location of the erroneous text component.

15. The method of Claim 13, whereby the step of receiving a text selection input into the text document includes receiving the text selection from a stochastic input source.

5 16. The method of Claim 15 wherein the step of receiving an edit to the erroneous text component includes audibly spelling, via a speech recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

10 17. The method of Claim 15, whereby the step of receiving an edit to the erroneous text component includes hand writing, via a hand writing recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

15 18. A computer-readable medium having computer-executable instructions, which when executed by a computer, perform the method of Claim 13.

19. A computer system operative to perform the method of Claim 13.

20. A method for correcting text input into a text document, comprising the steps of:

receiving a text selection input into said text document comprising one or more text components;

5 selecting an erroneous text component for editing;

displaying a list of alternatives to the erroneous text component via a user interface opened directly into the text document;

receiving an edit to the erroneous text component directly into the erroneous text component in the text document, the edit comprising a partial entry of a desired alternative to the erroneous text component;

10 filtering the list of alternatives in response to the edit to remove alternatives not associated with the partial entry;

in response to filtering the list of alternatives, displaying a revised list of alternatives containing alternatives associated with the partial entry;

15 identifying a matching completed alternative text component within the revised list of alternatives that may be displayed as a suggested completion for the partial entry;

displaying the matching completed alternative text component directly into the text document as a suggested completion for the partial entry;

20 receiving an acceptance command in association with the suggested completion;

in response to the acceptance command, replacing, directly into the text document, the erroneous text component with the matching completed alternative text component;

25 closing the user interface.

21. The method of Claim 20, further comprising the steps of:

if no matching completed alternative text component is identified, receiving additional edits to the erroneous text component directly into the erroneous text component in the text document to further filter the revised list of alternatives in response to the additional edits;

after receiving each of the additional edits, displaying a further revised list of alternatives containing alternatives associated with an entry comprised of the edit and the additional edits;

if no matching completed alternative text component that may be displayed as a suggested completion of the entry comprised of the edit and the additional edits is identified in response to further filtering of the revised list of alternatives in response to the additional edits, then accepting the partial entry comprised of the edit and the additional edits as a substitute for the erroneous text component; and

entering the entry comprised of the edit and the additional edits as a substitute for the erroneous text component; and

closing the user interface.

22. The method of Claim 20 wherein the step of receiving an edit to the erroneous text component includes typing a first character of the selected alternative directly into the text document at the location of the erroneous text component.

23. The method of Claim 20, whereby the step of receiving a text selection input into the text document includes receiving the text selection from a stochastic input source.

24. The method of Claim 23 wherein the step of receiving an edit to the erroneous text component includes audibly spelling, via a speech recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

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25. The method of Claim 23, whereby the step of receiving an edit to the erroneous text component includes hand writing, via a hand writing recognition device, a first character of the selected alternative directly into the text document at the location of the erroneous text component.

26. A computer-readable medium having computer-executable instructions, which when executed by a computer, perform the method of Claim 20.

27. A computer system operative to perform the method of Claim 20.